

FORM PTO-1449

U. S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEINFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use several sheets if necessary)

ATTY. DOCKET NO.

SERIAL NO.

U 013820-1

APPLICANT

Ru-Shi LIU, t al.

FILING DATE

GROUP

January 4, 2002

JCB78 U.S. PTO
10/03/581
01/04/02

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
SK	AA	5 9 9 8 9 2 5	12/1999	Shimizu et al.	313	503	
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
						YES NO
AL						
AM						
AN						
AO						
AP						

OTHER ART (Including Author, Title, Date, Pertinent Dates, Etc.)

AR	
AS	
AT	

EXAMINER

DATE CONSIDERED

4/25/03

EXAMINER:

Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



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10/037,581

APPLICANT

Liu, t al.

FILING DATE

GROUP

January 4, 2002

2811

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER								DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
SK	AA	6	3	5	1	0	6	9	B	2/2002	LOWREY, ET AL.	313	512	
	AB													
	AC													
	AD													
	AE													
	AF													
	AG													
	AH													
	AI													
	AJ													
	AK													

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER								DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
														YES	NO
SK	AL	2	4	4	0	2	1	A	9/2000		JP			X	
	AM														
	AN														
	AO														
	AP														

OTHER ART (Including Author, Title, Date, Pertinent Dates, Etc.)

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RU-SHI LIU, ET AL

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER								DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
														YES	NO
SK	AL		1	2	4	1	5	5	2	1/2000	CHINA				X
	AM														
	AN														
	AO														
	AP														

OTHER ART (Including Author, Title, Date, Pertinent Dates, Etc.)

SK	AR	English Abstract of CHINA 1241552 dated January 19, 2000.
	AS	
	AT	

EXAMINER

Sumatokun

DATE CONSIDERED

4/25/03

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